

Sub D7

27. (Twice Amended) A downloading apparatus for a broadcast receiver, comprising:

a receiver which receives a broadcast signal having a video program signal and a control information signal;

a storage element which stores a control program, said control program controlling the operation of a video program corresponding to said video program signal, wherein the storage element further comprises

a first domain for storing a version number of the control program,

a second domain for storing a downloaded program and a predetermined version number indicating a version of the downloaded program, and

a third domain for storing the control program; and

a micro-controller for replacing said control program in the storage element with the downloaded program based on said control information signal, the version number of the control program, and said predetermined version number.

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Sub D 4

33. (Twice Amended) A downloading apparatus for a broadcast receiver, comprising:

a receiver which receives a broadcast signal having a video program signal and a control information signal representing a new control program;

a first storage element which temporarily stores said control information signal representing the new control program;

a second storage element which stores a control program controlling the operation of a video program corresponding to said video program signal and a predetermined version number indicating a version of the new control program; and

a controller which replaces the control program in the second storage element with the new control program based on said control information signal and said predetermined version number.

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Sub D 4

42. (Once Amended) A method for downloading a control program from a broadcast signal in a digital broadcast receiver, comprising:

examining a byte of a memory indicating a version of a control program stored in said memory; and

replacing the stored control program with a new control program from a broadcast signal when said examined byte includes a predetermined value, and processing said broadcast signal based on said control program stored in the memory when said examined byte fails to include the predetermined value.

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